

Please cancel claims 2 and 3 without prejudice.

Please add the following new claims:

--Claim ~~8~~⁶ (New) A satellite system above a landmass comprising:
a service area on a surface of the earth having a predetermined minimum
elevation angle from the horizon;

A2 a satellite having an eccentric, substantially 24-hour period
geosynchronous orbit with respect to the earth, and having a sky track when viewed
from within said service area, said orbit comprising a plurality of points through which
the satellite passes and being inclined relative to an equatorial plane of the earth; and

an operating arc defined by a subset of points on said sky track over said
service area, said subset of points less than said plurality of points, said satellite
operating on said operating arc.--

--Claim ~~8~~⁷ (New) A satellite system above a landmass comprising:
a service area on a surface of the earth having a predetermined minimum
elevation angle from the horizon;

a satellite having an eccentric, substantially 24-hour period
geosynchronous orbit with respect to the earth and having a sky track when viewed
from within said service area, said orbit being inclined relative to an equatorial plane
of the earth at an inclination angle at least 45 degrees; and

an operating arc defined by a subset of points on said sky track over said
service area, said satellite operating on said operating arc.--

--~~10~~⁸ (New) A satellite system as recited in claim ~~8~~⁷ wherein said
inclination angle is at least 50 degrees.--

--~~11~~⁹ (New) A satellite system as recited in claim ~~8~~⁷ wherein said
inclination angle is at least 60 degrees.--